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Volume 18, No. 1  
January - March  
1990

# Plant Variety Protection Office Official Journal



U.S. PLANT VARIETY PROTECTION OFFICE  
RECEIVED



## PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

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Beltsville, Maryland 20705

Telephone: 301/344-2518

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APPLICATIONS RECEIVED

JANUARY 1, 1990 TO MARCH 31, 1990

Applications for protection have been filed for the following varieties. Each application has been assigned an application number and will be examined to determine whether the variety is entitled to a certificate of protection. The seed of these varieties may be labeled "Unauthorized Propagation Prohibited - U.S. Variety Protection Applied For."

APPL. NO.	VARIETY	GEN. APPL. (*)	NAME OF APPLICANT
ALFALFA 9000080	Legend	02/06/90	Vista Research
BAHIA GRASS 9000109	<Tifton 9>	(2) 03/05/90	University of Georgia Agricultural Experiment Station and USDA--ARS
BARLEY 9000061	<SV80614>	(3) 01/10/90	Svalof AB
9000073	B1215	(3) 01/26/90	Busch Agricultural Resources, Inc.
9000119	Duel	(3) 03/16/90	Busch Agricultural Resources, Inc.

(\*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
BEAN, FIELD 9000107	Blackhawk	(2) 03/01/90	Michigan State University, Agricultural Experiment Station
9000108	Sierra	(2) 03/01/90	Michigan State University
BEAN, GARDEN 9000085	Opus	02/08/90	Asgrow Seed Company
9000086	<XP B203>	02/08/90	Asgrow Seed Company
9000103	Sunrae	02/23/90	Rogers Brothers Seed Company
9000104	<Romano 81350>	02/23/90	Rogers Brothers Seed Company
9000105	BBL 110	02/23/90	Rogers Brothers Seed Company
9000106	Calgreen	02/23/90	Rogers Brothers Seed Company

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APPLICATIONS RECEIVED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
BEAN, GARDEN (Continued) 9000127	Kentucky Blue	03/26/90	Rogers Brothers Seed Company
9000128	Minidoka	03/26/90	Rogers Brothers Seed Company
BEAN, LIMA 9000058	Packers	01/02/90	Ferry-Morse Seed Company
BERMUDAGRASS 9000079	Cheyenne	01/25/90	Jacklin Seed Company
CAULIFLOWER 9000088	Labrador	02/20/90	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
9000089	Profil	02/20/90	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
9000098	Aubade	02/27/90	Nickerson-Zwaan b.v.

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APPLICATIONS RECEIVED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*)	NAME OF APPLICANT
9000131	CAULIFLOWER (Continued) Floriade	03/29/90	Nickerson-Zwaan b.v.
9000064	CORN, FIELD LH127	01/17/90	Holden's Foundation Seeds, Inc.
9000065	LH163	01/17/90	Holden's Foundation Seeds, Inc.
9000066	LH196	01/17/90	Holden's Foundation Seeds, Inc.
9000067	LH206	01/17/90	Holden's Foundation Seeds, Inc.
9000068	LH220	01/17/90	Holden's Foundation Seeds, Inc.
9000122	LH160	03/23/90	Holden's Foundation Seeds, Inc.
9000123	LH162	03/23/90	Holden's Foundation Seeds, Inc.

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APPLICATIONS RECEIVED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
CORN, FIELD (Continued)			
9000124	LH190	03/23/90	Holden's Foundation Seeds, Inc.
9000125	LH194	03/23/90	Holden's Foundation Seeds, Inc.
9000126	LH202	03/23/90	Holden's Foundation Seeds, Inc.
9000129	RS710	03/26/90	Dahlgren & Company, Inc.
COTTON			
9000092	Tamcot HQ95	(2) 02/20/90	Texas Agricultural Experiment Station
9000120	<CPCSD Acala C-37>	(*) 03/19/90	California Planting Cotton Seed Distributors
9000138	<S 1001>	(3) 03/23/90	Ellis Brothers Seed, Inc.

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APPLICATIONS RECEIVED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
<hr/>			
ELYTRIGIA REPENS X			
PSEUDOROEGNERIA SPICATA			
9000096	NewHy	(2) 02/26/90	USDA-ARS, Utah Agricultural Experiment Station, USDA-SCS
FESCUE, TALL			
9000059	Avanti	01/02/90	Pickseed West Inc.
9000063	Gala	01/17/90	International Seeds, Inc.
9000078	Cochise	01/25/90	Pickseed West Inc.
9000087	Mirage	02/12/90	International Seeds Inc.
9000091	Era	02/20/90	International Seeds Inc.
9000130	Sapphire	03/27/90	D.J. van der Have B.V.
<hr/>			
LESPEDeza			
9000093	Marion	(2) 02/21/90	Missouri Agricultural Experiment Station

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APPLICATIONS RECEIVED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
LETTUCE 9000094	Genecorp Boston		02/21/90	Genecorp, Inc.
MUSKMELON 9000077	<524>		01/24/90	Northrup King Co.
OAT 9000076	Horicon	(2)	01/31/90	Wisconsin Agricultural Experiment Station
PEA 9000081	Alfi		02/08/90	Asgrow Seed Company
9000095	Pronto		02/23/90	Asgrow Seed Company
9000097	<F801789-1>		02/23/90	Rogers Brothers Seed Company
9000117	Delsey		03/13/90	Rogers Brothers Seed Company

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APPLICATIONS RECEIVED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
RAPE			
9000099	Celebra	(2) 02/26/90	Svalof AB
9000100	Vanguard	(2) 02/26/90	Svalof AB
9000132	Winfield	(2) 02/05/90	Allelix Crop Technologies Inc.
RICE			
9000074	RT-Al001	01/29/90	Farms of Texas Co.
9000075	RT-Al002	01/29/90	Farms of Texas Co.
9000090	Sumirice II	02/20/90	Sumitomo Chemical Co., Ltd.
SAFFLOWER			
9000070	AG 1029	01/22/90	Adams Seed Company
9000084	Montola-2000	(*) 02/09/90	Research and Development Institute, Inc.

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APPLICATIONS RECEIVED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
SAFFLOWER 9000116	(Continued) Centennial	(*) 03/09/90	Research and Development Institute, Inc.
SOYBEAN 9000039	Kenwood	(3) 01/09/90	Iowa Agriculture and Home Economics Experiment Station
9000040	Marcus	(3) 01/09/90	Iowa Agriculture and Home Economics Experiment Station
9000083	Hartz 914	02/09/90	Jacob Hartz Seed Company, Inc.
9000110	Kosuzu	03/05/90	Tohoku National Agricultural Experiment Station Ministry of Agriculture, Forestry and Fisheries
9000111	HSC 721	03/08/90	Hyperformer Seed Company

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APPLICATIONS RECEIVED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
SOYBEAN (Continued)			
9000118	Deltapine 878	03/13/90	Delta & Pine Land Company
TOMATO			
9000072	Ohio 7983	01/26/90	Dr. Stanley Z. Berry and The Ohio State University
9000121	Micro-Tam	03/15/90	Florida Agricultural Experiment Station
VERBENA, ANNUAL			
9000082	Valentine	02/07/90	Ball Seed Company
VINCA ROSEA			
9000112	Peppermint Cooler	02/07/90	Denholm Seeds
9000113	Grape Cooler	02/07/90	Denholm Seeds
9000114	Pretty in Pink	03/12/90	The University of Connecticut

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APPLICATIONS RECEIVED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
VINCA ROSEA (Continued) 9000115	Parasol		03/12/90	The University of Connecticut
WATERMELON 9000069	Cutter 55		01/18/90	Corifee Seed Company
WHEAT, COMMON 9000060	Minnpro	(3)	01/03/90	Minnesota Agricultural Experiment Station
9000071	Vance		01/22/90	Minnesota Agricultural Experiment Station
9000101	Bergen	(3)	02/27/90	AgriPro Biosciences Inc.
9000102	Cherokee	(3)	02/27/90	AgriPro Biosciences Inc.

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# APPLICATIONS AMENDED

JANUARY 1, 1990 TO MARCH 31, 1990

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information amended as indicated below.

APPL. NO.	VARIETY	GEN. (*), DATE	NAME OF APPLICANT
BEAN, FIELD 8900186	Mayflower	04/19/89	Michigan State University, Agricultural Experiment Station with 2 generations
To be sold by variety name only as a class of certified seed of certified seed permitted beyond breeder's seed.			
8900188	Agassiz	04/19/89	Rogers Brothers Seed Company
Variety with temporary designation <D81127B> named 'Agassiz'.			
8900189	Marquis	04/19/89	Rogers Brothers Seed Company
Variety with temporary designation <D82166> named 'Marquis'.			

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APPLICATIONS AMENDED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
BEAN, FIELD (Continued)				
8900191	Schooner		04/19/89	Rogers Brothers Seed Company
	Variety with temporary designation <D83045> named 'Schooner'.			
8900192	Guardian		04/19/89	Rogers Brothers Seed Company
	Variety with temporary designation <D83353> named 'Guardian'.			
8900193	Auburn		04/19/89	Rogers Brothers Seed Company
	Variety with temporary designation <D83360> named 'Auburn'.			
BLUEGRASS, KENTUCKY				
8900196	Ampellia	(3)	04/19/89	Cebeco Zaden B.V.
	Name of owner changed from Cebeco-Handelsraad to Cebeco Zaden B.V.			

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APPLICATIONS AMENDED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
FESCUE, RED			
8900061	Cindy	(3) 12/19/88	Cebeco Zaden B.V.
8900197	Capitol	(3) 04/19/89	Cebeco Zaden B.V.
8900198	Claudia	(3) 04/19/89	Cebeco Zaden B.V.
Name of owner of the above red fescue varieties changed from Cebeco-Handelsraad to Cebeco Zaden B.V.			
ONION			
8800208	Dorada	08/08/88	Texas Agricultural Experiment Station
Name of variety corrected from 'Dorado' to 'Dorada'.			

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APPLICATIONS AMENDED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
PEA			
8900081	Impala	(3) 01/26/89	Cebeco Zaden B.V.
8900145	Renata	(3) 04/04/89	Cebeco Zaden B.V.
	Name of owner of the above pea varieties changed from Cebeco-Handelsraad to Cebeco Zaden B.V.		
RYEGRASS, ANNUAL			
8800227	Max	08/26/88	Willamette Seed Co.
8800228	Comet	08/26/88	Willamette Seed Co.
	Name of owner of the above annual ryegrass varieties changed from NPI Seed Inc. to Willamette Seed Co.		

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APPLICATIONS AMENDED  
JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
<b>RYEGRASS, PERENNIAL</b>			
8800229	Prevail	08/26/88	Willamette Seed Co.
	Name of owner changed from NPI Seed Inc. to Willamette Seed Co.		
8900062	Surprise	(3) 12/19/88	Cebeco Zaden B.V.
	Name of owner changed from Cebeco-Handelsraad to Cebeco Zaden B.V.		
9000038	Seville	12/01/89	R. J. Peterson Enterprises, Inc.
	Variety with temporary designation <PE 8> named 'Seville'.		
<b>TRITICALE</b>			
8700205	Stan-I	09/14/87	Pioneer Hi-Bred International, Inc.
8700206	Eve	09/14/87	Pioneer Hi-Bred International, Inc.
	Name of owner of the above triticales varieties changed from Sunseeds Genetics, Inc. to Pioneer Hi-Bred International, Inc.		

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# APPLICATIONS AMENDED

JANUARY 1, 1990 TO MARCH 31, 1990

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
8700207	Victoria		09/14/87	Pioneer Hi-Bred International, Inc.
	Name of owner changed from Sunseeds Genetics, Inc. to Pioneer Hi-Bred International, Inc.			

TRITICALE (Continued)

8700207 Victoria

Name of owner changed from Sunseeds Genetics, Inc. to Pioneer Hi-Bred International, Inc.

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE  
JANUARY 1, 1990 TO MARCH 31, 1990

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Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Although propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act, varieties published in this list may possibly be protected under the Patent Act.

KIND	APPL. NO.	VARIETY
LETTUCE	8900032	Parris Island Cos 318
ONION	8800044	Granny-X
SOYBEAN	8800186	CX117
SOYBEAN	8800222	<34726>

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< > Identifies temporary designations.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1990 TO MARCH 31, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
ALFALEA				
8900132	5262	03/30/90	Pioneer Hi-Bred International, Inc.	
	'5262' is most similar to '526'; however, '5262' has greater resistance to <u>Phytophthora</u> (47.3% resistant plants), making it as resistant as 'Agate', while '526' has low resistance (8% resistant plants).			
BEAN, GARDEN				
8600160	Sprout	03/30/90	Asgrow Seed Company	
	'Sprout' is most similar to 'Sprite'; however, the seeds of 'Sprout' are polychrome (purple and tan) whereas the seeds of 'Sprite' are monochrome (white).			
CORN, FIELD				
8700196	IBBL5	02/28/90	DeKalb-Pfizer Genetics	
	'IBBL5' is most similar to 'B37Ht'; however, 'IBBL5' has red silks and red cobs whereas 'B37Ht' has green silks and pink cobs.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1990 TO MARCH 31, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
FESCUE, TALL				
8800235	Tribute		02/28/90	Lofts Seed, Inc.
	'Tribute' most closely resembles 'Rebel II'; however, 'Tribute' has an erect growth habit and compact panicle, whereas 'Rebel II' has a semi-erect growth habit and an open panicle.			
8900069	Chieftain		02/28/90	Pickseed West Inc.
	'Chieftain' is most similar to 'Arid'; however, 'Chieftain' has a darker green leaf color and a 50% heading date 3-4 days later than 'Arid'.			
OAT				
8800049	Hercules	(3)	02/28/90	Pennsylvania Agricultural Experiment Station and USDA-ARS
	'Hercules' is most similar to 'Noble' and 'Dal'; however, 'Hercules' is 4 cm taller than 'Noble' but is more lodging resistant (17 vs 44%, Pennsylvania trials). 'Hercules' has a lower percent protein (16.6 vs 18.4%) than 'Dal' and is more lodging resistant than 'Dal' (13.7 vs 26.4%, Uniform Midseason Oat Nursery).			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1990 TO MARCH 31, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
<b>OAT (Continued)</b>				
8900117	Pennuda	(3)	02/28/90	Pennsylvania Agricultural Experiment Station and USDA-ARS
'Pennuda' is most similar to 'Terra'; however, 'Pennuda' is adapted to Pennsylvania growing conditions whereas 'Terra' is not. 'Pennuda' has smaller seed than 'Terra'.				
<b>RYEGRASS, PERENNIAL</b>				
8700156	SR 4100		03/29/90	Seed Research of Oregon, Inc.
'SR 4100' is most similar to 'Omega II'; however, 'SR 4100' has an average mature plant height 2.7 cm (72.2 cm vs 75.4 cm) shorter than 'Omega II'. 'SR 4100' has a semi-erect growth habit and semi-erect flag leaf whereas 'Omega II' has a prostrate growth habit and a recurved flag leaf.				
8800226	Allaire	(3)	02/28/90	KWS-AG
'Allaire' is most similar to 'Manhattan II'; however, 'Allaire' has a longer spike length (24 cm vs 20 cm), flag leaf length (22 cm vs 15 cm), and higher tiller/100 sq cm count (733 vs 507).				

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1990 TO MARCH 31, 1990

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
RYEGRASS, PERENNIAL (Continued)				
89000008	Calypso	03/30/90 The O. M. Scott & Sons Company		
	'Calypso' is most similar to 'Repell'; however, 'Calypso' heads 3 days earlier and has a shorter (7 vs 9 cm) and narrower (2.4 vs 3.0 mm) flag leaf than 'Repell'.			
89000045	Riviera	02/28/90 Pickseed West Inc.		
	'Riviera' is most similar to 'Palmer'; however, 'Riviera' is darker green in leaf color and has a mature plant height 10 cm shorter (70 cm vs 80 cm) than 'Palmer'. 'Riviera' is moderately susceptible to stem rust whereas 'Palmer' is highly susceptible.			
89000057	Mondial	02/28/90 Mommersteeg International B.V.		
	'Mondial' is most similar to 'Barry'; however, 'Mondial' has 21 spikelets per spike whereas 'Barry' has 19 spikelets per spike.			
89000059	Pleasure	02/28/90 Pickseed West Inc.		
	'Pleasure' is most similar to 'Citation II'; however, 'Pleasure' has a mature plant height 9 cm (67 cm vs 76 cm) shorter than 'Citation II'.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1990 TO MARCH 31, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
RYEGRASS, PERENNIAL (Continued)				
8900142	Dimension	02/28/90	Pure-Seed Testing, Inc.	
	'Dimension' is most similar to 'Citation II' and 'Charger'; however, 'Dimension' matures 2-4 days later than 'Citation II' and 4 days later than 'Charger'. 'Dimension' has an average mature plant height 7 cm (5-10 cm) shorter than 'Citation II'.			
8900143	Charger	02/28/90	Pure-Seed Testing, Inc.	
	'Charger' is most similar to 'Citation II'; however, 'Charger' matures 2-5 days earlier, has an average mature plant height 5.2 cm (3.8-6.6 cm) shorter, and is darker green than 'Citation II'.			

SOYBEAN

8800116 SS 487                      03/30/90 Southern States Cooperative, Inc.  
'SS 487' most closely resembles 'Douglas' and 'Mitchell'; however, 'SS 487' has purple flowers and black hila whereas 'Douglas' has white flowers and 'Mitchell' has brown hila.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1990 TO MARCH 31, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
TOMATO				
8600142	887	02/28/90 LSL Biotechnologies, Inc.		
'Rutgers rin/rin' is the closest prior known variety to '887'; however, the fruits of '887' are larger (162 vs 140 g) than 'Rutgers rin/rin'.				
8600143	888	02/28/90 LSL Biotechnologies, Inc.		
'888' is most similar to '887'; however, the fruits of '888' weigh more (190 vs 162 g) than '887'.				

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1990 TO MARCH 31, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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WHEAT, POLISH

8900108 QK-77

02/28/90 T. M. Quinn

'QK-77' differs from 'RF-75', the only protected variety of Polish wheat, in having black awns. 'RF-75' has white awns. 'QK-77' differs from 'White Polish', the only other variety of Polish wheat grown in the United States, in having plump kernels with a "humped" appearance. 'White Polish' has narrow kernels without a "humped" appearance. 'QK-77' has superior quality for use in macaroni products; whereas, 'RF-75' and 'White Polish' are both inferior for use in macaroni products. Seed of 'QK-77' were compared with seed of all the Polish wheat accessions in the USDA World Wheat Collection and found to differ from each.

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CERTIFICATES AMENDED  
JANUARY 1, 1990 TO MARCH 31, 1990

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The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
<b>BARLEY</b>				
8300084	Apex	(3)	07/26/85	Cebeco Zaden B.V.
8300085	Bellona	(3)	07/26/85	Cebeco Zaden B.V.
8500012	Efron	(3)	10/31/85	Cebeco Zaden B.V.
Name of owner of the above barley varieties changed from Cebeco-Handelsraad to Cebeco Zaden B.V.				
<b>FESCUE, CHEWINGS</b>				
8700077	Center		01/15/88	Cebeco Zaden B.V.
Name of owner changed from International Seeds, Inc. to Cebeco Zaden B.V.				

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(\*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.  
< > Identifies temporary designations.

# CERTIFICATES AMENDED

JANUARY 1, 1990 TO MARCH 31, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
FESCUE, HARD				
8700161	Serra		10/30/87	Willamette Seed Co.
	Name of owner changed from NPI Seed Inc. to Willamette Seed Co.			
FESCUE, TALL				
8800176	Tip		09/30/88	Willamette Seed Co.
	Name of owner changed from NPI Seed Inc. to Willamette Seed Co.			
PEA				
8000016	Maxi	(3)	03/24/83	Cebeco Zaden B.V.
	Name of owner changed from Cebeco-Handelsraad to Cebeco Zaden B.V.			
8100054	Miranda	(3)	10/28/82	Cebeco Zaden B.V.
	Name of owner changed from Cebeco-Handelsraad to Cebeco Zaden B.V.			
8500013	Belinda	(3)	03/31/86	Cebeco Zaden B.V.
	Name of owner changed from Cebeco-Handelsraad, Neth. to Cebeco Zaden B.V.			

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< > Identifies temporary designations.

CERTIFICATES AMENDED  
JANUARY 1, 1990 TO MARCH 31, 1990

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
PEA (Continued)				
8500014	Ricardo	(3)	08/30/85	Cebeco Zaden B.V.
	Name of owner changed from Cebeco-Handelsraad to Cebeco Zaden B.V.			
8500015	Othello	(3)	03/31/86	Cebeco Zaden B.V.
	Name of owner changed from Cebeco-Handelsraad, Neth. to Cebeco Zaden B.V.			
8800056	Solara	(3)	09/30/88	Cebeco Zaden B.V.
	Name of owner changed from Cebeco-Handelsraad to Cebeco Zaden B.V.			
PEPPER				
8500187	Alpha II		02/19/88	Nabisco Brands, Inc.
	Name of owner changed from Del Monte Corporation to Nabisco Brands, Inc.			
RYEGRASS, PERENNIAL				
8100018	Elka		02/18/82	Cebeco Zaden B.V.
	Name of owner changed from Cebeco-Handelsraad to Cebeco Zaden B.V.			

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< > Identifies temporary designations.

CERTIFICATES AMENDED  
JANUARY 1, 1990 TO MARCH 31, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
RYEGRASS, PERENNIAL (Continued)				
8700064	Caliente		10/30/87	Willamette Seed Co.
	Name of owner changed from NPI Seed Inc., Oregon Division to Willamette Seed Co.			
8900142	Dimension		02/28/90	Pure-Seed Testing, Inc.
	Variety with temporary designation of <2H7> named 'Dimension'.			
TOMATO				
8500186	71-72		06/30/87	Nabisco Brands, Inc.
	Name of owner changed from Del Monte Corporation to Nabisco Brands, Inc.			
8700116	71-75		08/31/89	Nabisco Brands, Inc.
	Name of owner changed from Del Monte Corporation to Nabisco Brands, Inc.			
WHEAT, COMMON				
8500203	Milburn		08/31/88	Richardson Seeds, Inc.
	Name of owner changed from Harpool Seed, Inc. to MBS Seed, Inc. to Richardson Seeds, Inc.			

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 < > Identifies temporary designations.

## DESCRIPTION OF PUBLIC VARIETIES

In accordance with section 180.800 of the Plant Variety Protection Act, descriptions of "public varieties" voluntarily submitted on PVP objective description forms will be accepted for publication in the Official Journal. Publication of such descriptions in no way constitutes recognition of the variety as novel or entitles it to protection under the Plant Variety Protection Act.

The following is a description of a public variety of inbred corn line released by the North Carolina Agricultural Research Service, Raleigh, N. C., in January 1990. It was developed by Dr. R. H. Moll, Professor of Genetics at North Carolina State University in cooperation with Drs. E. J. Kamprath and W. A. Jackson of the Department of Soil Science.

The "PV Number" assigned to the variety should not be construed as meaning it is protected under the PVP Act; it is merely the accession number of that variety in the Office's database of field corn variety descriptions.

Requests for seed and further information about this variety should be directed to Department of Genetics, P. O. Box 7614, Raleigh, NC 27695-7643.

## VOLUNTARY FIELD CORN DESCRIPTION

Variety Name: 'NC201' PV# 9010001

Inbred line 'NC201' (experimental line I202-2) originated from the IRL0 population, an improved open-pollinated population of 'Indian Chief'. 'NC201' was selected for high nitrogen use efficiency, as determined by nitrogen uptake and utilization of accumulated nitrogen in hybrid combinations. It is 3 to 5 days later in pollen shed than 'Mol7' and 'B73' under North Carolina conditions. It combines well with 'Mol7' and 'B73', producing hybrids similar to Pioneer hybrid 3320 in plant height, ear height, and maturity. At low plant densities (34,000 plants/ha) both hybrids involving 'NC201' are moderately prolific and produce relatively high grain yield at low and high levels of nitrogen fertilizer; the hybrid with 'Mol7' has good resistance to lodging.

Breeders: Dr. R. H. Moll, Professor of Genetics; Drs. E. J. Kamprath and W. A. Jackson, Department of Soil Science, N. C. State University.

# VOLUNTARY FIELD CORN DESCRIPTION (Cont'd)

Kernel Type	Dent
Chromosome Number	Diploid
Adapted Area	SE USA
Days to Mid Silk	70
Plant Height	199 cm
Ear Height	75 cm
Tiller/Plant	None
Ears/Plant	Strong 2-ear
Cytoplasm Type	Normal
Leaf Color	Dark Green
Leaf Angle	30-60 degrees
Tassel Branch	
No./Plant	19
Tassel Branch	
Angle	30-40 degrees
Pollen Shed	Medium
Anther Color	Yellow
Glume Color	Green
Row Distinctness	Distinct
Row Straightness	Straight
Exposed Silk Color	Green
Fresh Husk Color	Dark Green
Dry Husk Color	Buff
Husk Extension	
Beyond Ear	Long
Kernel Length	10 mm
Kernel Width	9 mm
Kernel Thickness	4 mm
Pericarp Color	Colorless
Aleurone Color	White
Endosperm Color	Yellow
Endosperm Type	Normal
Seed Weight	24 g/100

Plant Diseases: Somewhat susceptible to corn rust (caused by Puccinia).







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